

CLAIMS

What is claimed is:

1. A system, comprising:

a splitter that is locatable at a central office that comprises a plurality of lines;

5 wherein the splitter is configured to be connectable with a subset of the plurality of lines on a one-to-one basis between the splitter and the subset of the plurality of lines.

2. The system of claim 1, wherein the subset of the plurality of lines comprises a first line, a second line, and a third line, wherein the first line is different from the second line, wherein the first line is different from the third line, wherein the second line is different from
10 the third line;

wherein the first line comprises a plain old telephone service and asymmetric digital subscriber line, wherein the second line comprises a plain old telephone service line, wherein the third line comprises a plain old telephone service and asymmetric digital subscriber line; and

15 wherein the splitter is configured to be connectable with the first line, the second line, and the third line as an individual unit in the central office, wherein the individual unit comprises the splitter, the first line, the second line, and the third line.

3. The system of claim 1, wherein the subset of the plurality of lines comprises a first line and a second line, wherein the first line is different from the second line;

wherein the first line comprises a plain old telephone service and asymmetric digital subscriber line, wherein the second line comprises a plain old telephone service line; and

5 wherein the splitter is configured to be connectable with the first line and the second line as an individual unit in the central office, wherein the individual unit comprises the splitter, the first line, and the second line.

10 4. The system of claim 1, wherein the central office comprises a switch and a main distribution frame, wherein the switch is coupled with a first line of the subset of the plurality of lines, wherein the main distribution frame is coupled with a second line of the subset of the plurality of lines, wherein the first line is different from the second line; and

wherein the splitter is configured to be connectable with the first line and the second line without employment of a splitter shelf.

15 5. The system of claim 4, wherein the switch comprises a plain old telephone service interface circuit, wherein the central office comprises a digital subscriber line multiplexor, wherein the digital subscriber line multiplexor is coupled with a third line of the subset of the plurality of lines, wherein the first line is different from the third line, wherein the second line is different from the third line; and

20 wherein the splitter is configured to be connectable with the first line, the second line, and the third line without employment of a splitter shelf.

6. The system of claim 1, wherein the subset of the plurality of lines comprises a first line and a second line, wherein the first line is different from the second line, wherein the first line comprises a plain old telephone service and asymmetric digital subscriber line, wherein the second line comprises a plain old telephone service line;

5 wherein the splitter comprises a low-pass filter, and wherein plain old telephone service is obtainable through connection of the low-pass filter with the first line and the second line.

7. The system of claim 1, wherein the central office comprises a main distribution frame that comprises a plurality of wire wrap terminals; and

10 wherein the splitter is configured to be mountable on a pair of wire wrap terminals of the plurality of wire wrap terminals.

8. The system of claim 1, wherein the plurality of lines comprise a particular line that is different from every line of the subset of the plurality of lines; and

15 wherein the splitter is configured to be installable on the subset of the plurality of lines without interruption of plain old telephone service on the particular line.

9. The system of claim 1, wherein the central office comprises a local telephone company switching center.

10. The system of claim 1, wherein a line of the subset of the plurality of lines is convertible from a plain old telephone service line to a plain old telephone service and asymmetric digital subscriber line on a basis of an individual unit that comprises the splitter and the subset of the plurality of lines.

10. The system of claim 1, wherein a line of the subset of the plurality of lines is convertible from a plain old telephone service line to a plain old telephone service and asymmetric digital subscriber line on a basis of an individual unit that comprises the splitter and the subset of the plurality of lines.

11. A method, comprising the steps of:

selecting a splitter that is locatable at a central office that comprises a plurality of lines; and

selecting the splitter to be configured to be connectable with a subset of the plurality
5 of lines on a one-to-one basis between the splitter and the subset of the plurality of lines.

12. The method of claim 11, wherein the subset of the plurality of lines comprises a first line, a second line, and a third line, wherein the first line is different from the second line, wherein the first line is different from the third line, wherein the second line is different from the third line, wherein the step of selecting the splitter that is locatable at the central
10 office that comprises the plurality of lines and the step of selecting the splitter to be configured to be connectable with the subset of the plurality of lines on the one-to-one basis between the splitter and the subset of the plurality of lines comprise the steps of:

selecting the first line to comprise a plain old telephone service and asymmetric digital subscriber line;

15 selecting the second line to comprise a plain old telephone service line;

selecting the third line to comprise a plain old telephone service and asymmetric digital subscriber line; and

selecting the splitter to be configured to be connectable with the first line, the second line, and the third line as an individual unit in the central office, wherein the individual unit
20 comprises the splitter, the first line, the second line, and the third line.

13. The method of claim 11, wherein the subset of the plurality of lines comprises a first line and a second line, wherein the first line is different from the second line, wherein the step of selecting the splitter that is locatable at the central office that comprises the plurality of lines and the step of selecting the splitter to be configured to be connectable with the subset of the plurality of lines on the one-to-one basis between the splitter and the subset of the plurality of lines comprise the steps of:

selecting the first line to comprise a plain old telephone service and asymmetric digital subscriber line;

selecting the second line to comprise a plain old telephone service line; and

selecting the splitter to be configured to be connectable with the first line and the second line as an individual unit in the central office, wherein the individual unit comprises the splitter, the first line, and the second line.

14. The method of claim 11, wherein the central office comprises a switch and a main distribution frame, wherein the switch is coupled with a first line of the subset of the plurality of lines, wherein the main distribution frame is coupled with a second line of the subset of the plurality of lines, wherein the first line is different from the second line, and wherein the step of selecting the splitter to be configured to be connectable with the subset of the plurality of lines on the one-to-one basis between the splitter and the subset of the plurality of lines comprises the step of:

selecting the splitter to be configured to be connectable with the first line and the second line without employment of a splitter shelf.

15. The method of claim 14, wherein the switch comprises a plain old telephone service interface circuit, wherein the central office comprises a digital subscriber line multiplexor, wherein the digital subscriber line multiplexor is coupled with a third line of the subset of the plurality of lines, wherein the first line is different from the third line, wherein
5 the second line is different from the third line, and wherein the step of selecting the splitter to be configured to be connectable with the first line and the second line without employment of the splitter shelf comprises the step of:

selecting the splitter to be configured to be connectable with the first line, the second line, and the third line without employment of a splitter shelf.

10 16. The method of claim 11, wherein the subset of the plurality of lines comprises a first line and a second line, wherein the first line is different from the second line, wherein the first line comprises a plain old telephone service and asymmetric digital subscriber line, wherein the second line comprises a plain old telephone service line, wherein the step of selecting the splitter that is locatable at the central office that comprises the plurality of lines
15 and the step of selecting the splitter to be configured to be connectable with the subset of the plurality of lines on the one-to-one basis between the splitter and the subset of the plurality of lines comprise the steps of:

selecting the splitter to comprise a low-pass filter; and

obtaining plain old telephone service through connection of the low-pass filter with
20 the first line and the second line.

17. The method of claim 11, wherein the central office comprises a main distribution frame that comprises a plurality of wire wrap terminals, and wherein the step of selecting the splitter that is locatable at the central office that comprises the plurality of lines and the step of selecting the splitter to be configured to be connectable with the subset of the plurality of lines on the one-to-one basis between the splitter and the subset of the plurality of lines comprise the step of:

selecting the splitter to be configured to be mountable on a pair of wire wrap terminals of the plurality of wire wrap terminals.

18. The method of claim 11, wherein the plurality of lines comprise a particular line that is different from every line of the subset of the plurality of lines, and wherein the step of selecting the splitter that is locatable at the central office that comprises the plurality of lines and the step of selecting the splitter to be configured to be connectable with the subset of the plurality of lines on the one-to-one basis between the splitter and the subset of the plurality of lines comprise the step of:

selecting the splitter to be configured to be installable on the subset of the plurality of lines without interruption of plain old telephone service on the particular line.

19. The method of claim 11, wherein the step of selecting the splitter that is locatable at the central office that comprises the plurality of lines comprises the step of:

selecting the central office to comprise a local telephone company switching center.

20. The method of claim 11, wherein the step of selecting the splitter to be configured to be connectable with the subset of the plurality of lines on the one-to-one basis between the splitter and the subset of the plurality of lines comprises the step of:

converting a line of the subset of the plurality of lines from a plain old telephone
5 service line to a plain old telephone service and asymmetric digital subscriber line on a basis of an individual unit that comprises the splitter and the subset of the plurality of lines.

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